

### Abstract of the Disclosure

An information collecting unit reads encoded moving image data from an information storing unit, 5 decodes part of the moving image data, extracts the number and the magnitudes of motion vectors, the square measure of a region having a low correlation with a preceding/succeeding frame, etc. for each frame, and outputs these items of scene change information to an 10 evaluation function calculating unit. The evaluation function calculating unit calculates the value of a predetermined evaluation function based on the scene change information, and outputs the calculated value to a scene change determining unit. The scene change 15 determining unit determines a frame of a scene change by making a comparison between the calculated value and a threshold value. A scene change information storing unit stores the scene change information used for the determination.